

XV-107

D/ME-21260

**Bachelor of Dental Surgery (New) – First Year Examination
January-2015**

Dental Anatomy Embryology and Oral Histology

Faculty Code : D/ME

Subject Code : 21260

Time : 3 Hours]

[Total Marks : 70

- Instructions :** (1) Answer two sections in separate answer sheets.
(2) Draw diagrams wherever necessary.
(3) Marks are indicated on right side of the paper.

SECTION – I

1. Classify oral mucous membrane. Discuss macroscopic & microscopic features of gingiva. **10**

2. Describe in detail the structure of tooth enamel. **10**

3. Short notes (Answer any **five**) : **(5 × 3 = 15)**
 - (i) Development of tongue
 - (ii) Muscles of mastication
 - (iii) Mechanism of tooth eruption
 - (iv) Pulp at periphery
 - (v) Internal reconstruction of alveolar bone
 - (vi) Types of dentin

SECTION – II

4. Enlist the functions & class traits of premolars. Discuss the morphology of permanent mandibular first premolar. **10**
5. Discuss the cellular and extracellular components of periodontal ligament. **10**
6. Short notes (Answer any **five**) : **(5 × 3 = 15)**
- (i) Formation of multirooted tooth
 - (ii) Cellular & acellular cementum
 - (iii) Ductal system of salivary glands
 - (iv) Ridges on tooth surface
 - (v) Lingual aspect of permanent maxillary central incisor
 - (vi) Tooth identification systems
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